NITECORE®
The All-Round Flashlight Expert

MT10C User Manual

Features

- Utilizes a CREE XM-L2 U2 LED
- Maximum output up to 920 lumens
- Integrated metal micro textured reflector for optimal peripheral illumination
- Boasts a peak beam intensity of 9,000 cd and a throw distance of up to 190 meters
- Tail switch designed for tactical applications
- Side switches for brightness levels or modes adjustment
- Features intelligent memory effect
- Red LED provides constant/flashing illumination
- Displays battery voltage with red light (accurate to 0.1V)
- High efficiency constant current circuit enables maximum runtime of 170 hours
- Direct access to turbo/red light mode
- Reverse polarity protection prevents damage from incorrectly inserted batteries
- Stainless steel titanium-plated two-way clip
- Toughened ultra-clear mineral glass with anti-reflective coating
- Robust HAIII military grade hard-anodized
- Waterproof in accordance with IPX-8 (two-meter submersible)
- Tail stand capability

Dimensions

Length: 3.59" (91.2mm)
Head Diameter: 1" (25.4mm)
Tail Diameter: 1" (25.4mm)
Weight: 2.01oz (57gram)(without battery)

Accessories

Holster, clip, lanyard, spare tailcap cover, spare O-ring

Battery Options

	TYPE	Nominal voltage	Compatible
Primary Lithium battery	CR123	3V	Y (Recommended)
IMR18350 Rechargeable Li-ion battery	IMR18350	3.7V	Y
Rechargeable Li-ion battery	RCR123	3.7V	Y

⚠ **Warning:** Rechargeable IMR Li–ion batteries are not equipped with protective circuit. Beware of over–discharging.

Brightness & Runtime

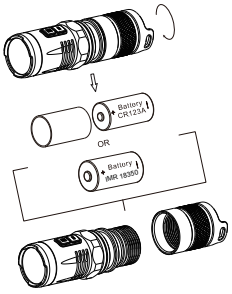
FL1 STANDARD	TURBO	HIGH	MID	LOW	LOWER
IMR18350 ☀	920 LUMENS	500 LUMENS	180 LUMENS	70 LUMENS	1 LUMEN
IMR18350 ◷	30min	45min	1h45min	5h	120h
CR123 ☀	480 LUMENS	280 LUMENS	135 LUMENS	50 LUMENS	1 LUMEN
CR123 ◷	45min	1h30min	3h	8h	170h
190m (Beam Distance)					
9,000cd (Peak Beam Intensity)					
1.5m (Impact Resistant)					
IPX-8, 2m (Waterproof and Submersible)					

NOTICE
The stated data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1, using one high quality IMR18350 Li-ion battery (3.7V, 700mAh) or one high quality CR123 battery (3V, 1700mAh) under laboratory conditions.

Operation instructions

Battery Installation

Insert one AA battery as illustrated.



WARNING
1. Ensure batteries are inserted with the positive (+) end pointing towards the head. The MT10C will not be operational with incorrectly inserted batteries.
2. The included battery magazine securely holds the (R)CR123 battery in place, thus stopping battery movement in the compartment.
3. Please stop using and remove a depleted IMR18350 battery to avoid potential battery damage.

Momentary Illumination

Momentary illumination can be achieved by switching the flashlight off and holding the tail switch halfway down. Releasing switch turns the light off.

On / Off Operation

To switch ON: Press the button on the tailcap all the way down until a click is heard.

To switch OFF: Press the button on the tailcap all the way down once again until a click is heard.

Standby Mode:

When power is off, press both side switches and the button on the tailcap simultaneously to activate the red power indicator to flash and indicate battery voltage. Three seconds after electrical voltage is reported, the MT10C enters standby mode where the indicator flashes once every three seconds. In standby mode, the MT10C will operate for approximately six months with the indicator on.

Brightness Levels

When the MT10C is switched on, press the step-up switch repeatedly to switch from the following brightness levels: red beacon-red light-ultralow-low-medium-high-turbo. The MT10C has memory effect. When it is switched on, the MT10C will enter the brightness level last used.

When the MT10C is switched on, press the step-down switch repeatedly to lower its brightness until red beacon mode, after which there is no cycling back to other brightness levels.

Direct Access to Red Light Mode:

When the MT10C is switched on, press and hold the step-down switch for over one second to access the red light mode; OR:

When the MT10C is switched off, press and hold the step-down switch and press the button on the tailcap to access the red light mode.

Direct Access to Turbo:

When the MT10C is switched on, press and hold the step-up switch for over one second to access turbo output (920 lumens); OR:

When the MT10C is switched off, press and hold the step-up switch and press the button on the tailcap to access turbo output (920 lumens).

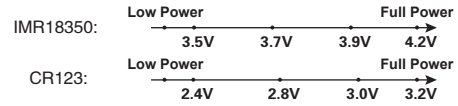
Note: After three minutes' using of turbo mode, the flashlight will lower its output automatically to prevent overheating, and efficiently ensure the battery runtime.

Special modes (Strobe/Location/SOS)

With the light switched on, press and hold the MODE button or more than one second to enter Strobe mode. When in strobe mode, press and hold the MODE button for more than one second again to cycle through Location Beacon, SOS and Strobe modes. To exit, simple press the MODE button to resume the last used brightness level, or press the ON/OFF button to switch the light off.

Power Tips

With the light switched off, press both side switches and the button on the tailcap to activate the red power indicator to blink and indicate battery voltage (accurate to 0.1V). For example, when battery voltage is at 4.2V, the red power indicator will blink 4 times, followed by a one second pause and another 2 blinks. Different voltages represent the corresponding remaining battery power levels.



Changing / Charging Battery

Battery should be replaced or recharged when output appears to be dim or the flashlight becomes unresponsive.

Maintenance

Every 6 months, threads should be wiped with a clean cloth followed by a thin coating of silicon-based lubricant.

Warranty Service

All NITECORE® products are warranted for quality. Any defective / malfunction NITECORE® product can be repaired free of charge for a period of 60 months (5 years) from the date of purchase. Beyond 60 months (5 years), a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.
The warranty is nullified in all of the following situations:
1. The product(s) is/are broken down, reconstructed and/or modified by unauthorized parties.
2. The product(s) is/are damaged through improper use.
3. The product(s) is/are damaged by leakage of batteries.
For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to service@nitecore.com
The Nitecore official website shall prevail in case of any product data changes.

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Thanks for purchasing NITECORE!